

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Original): An aqueous primary dispersion comprising at least one polyurethane obtainable by reacting

a) at least one polyisocyanate,

b1) at least one polyol containing the structural unit  $[-CH_2-CH_2-O]-$  one or more times, the structural unit  $[-CH_2-CH_2-O]-$  deriving from a synthesis component selected from the group comprising ethylene glycol, polyethylene glycol having a molar mass of between 106 and 2000, and ethylene oxide,

b2) if appropriate at least one polyol other than b1),

b3) if appropriate at least one compound containing at least two isocyanate-reactive groups selected from thiol groups and primary and secondary amino groups,

b4) if appropriate at least one monofunctional monomer having an isocyanate-reactive group, and

c) if appropriate at least one ionic or potentially ionic synthesis component,  
wherein

the fraction of the structural units  $[-CH_2-CH_2-O]-$ , calculated at 44 g/mol, in the polyol b1) is from 10 to 90% by weight and

the fraction of the structural units  $[-CH_2-CH_2-O]-$ , calculated at 44 g/mol, in the sum of the components a) + b1) + b2) + b3) + b4) + c) is at least 3% by weight.

Claim 2 (Original): The primary dispersion according to claim 1, wherein the molecular weight of the polyol b1) is at least 500 g/mol.

Claim 3 (Currently Amended): The primary dispersion according to ~~either of the preceding claims~~ claim 1, wherein the polyol b1) is a copolymer comprising ethylene oxide and propylene oxide.

Claim 4 (Original): The primary dispersion according to claim 3, wherein the copolymer is a block copolymer.

Claim 5 (Currently Amended): The primary dispersion according to ~~any of the preceding claims~~ claim 1, wherein the polyol b1) includes at least one terminal structural unit -CH<sub>2</sub>-O-H.

Claim 6 (Currently Amended): The primary dispersion according to claim 1 ~~or 2~~, wherein the polyol b1) is a polyesterol.

Claim 7 (Currently Amended): The primary dispersion according to ~~any of the preceding claims~~ claim 1, wherein the average particle size as measured by dynamic light scattering using the Malvern® Autosizer 2 C is below 100 nm.

Claim 8 (Currently Amended): A process for preparing a primary dispersion according to ~~any of the preceding claims~~ claim 1, which comprises reacting components a), b1), if appropriate b2), if appropriate b3), and if appropriate b4) in the presence of water.

Claim 9 (Currently Amended): A The process for preparing a primary dispersion according to claim 1 ~~any of claims 1 to 7~~, wherein dispersing takes place with shear forces below  $10^8$  W/cm<sup>3</sup>.

Claim 10 (New): A method of coating a substrate comprising  
applying the aqueous primary dispersion of claim 1 to the substrate thereby coating  
the substrate ~~The use of a primary dispersion according to any of claims 1 to 7 in aqueous~~  
~~coating materials, adhesives, and sealants, for coating wood, wood veneer, paper, board, card,~~  
~~textile, leather, nonwoven, plastics surfaces, glass, ceramic, mineral building materials,~~  
~~metals, including coated metals, in producing films or sheets, for impregnating textiles or~~  
~~leather, as dispersants, as pigment grinding compositions, as primers, as adhesion promoters,~~  
~~as hydrophobicizers, as laundry detergent additives or as an additive to cosmetic formulations~~  
~~or for producing moldings or hydrogels and as seed in the implementation of a seed~~  
~~polymerization.~~

Claim 11 (New): The method of claim 10, wherein the substrate comprises a material selected from the group consisting of wood, wood veneer, paper, board, card, textile, leather, nonwoven, plastic, glass, ceramic, metals, coated metals, and mineral building materials.

Claim 12 (New): The primary dispersion according to claim 2, wherein the polyol b1) is a copolymer comprising ethylene oxide and propylene oxide.

Claim 13 (New): The primary dispersion according to claim 2, wherein the polyol b1) includes at least one terminal structural unit  $\text{-CH}_2\text{-O-H}$ .

Claim 14 (New): The primary dispersion according to claim 3, wherein the polyol b1) includes at least one terminal structural unit  $\text{-CH}_2\text{-O-H}$ .

Claim 15 (New): The primary dispersion according to claim 4, wherein the polyol b1) includes at least one terminal structural unit  $\text{-CH}_2\text{-O-H}$ .

Claim 16 (New): The primary dispersion according to claim 2, wherein the polyol b1) is a polyesterol.

Claim 17 (New): The primary dispersion according to claim 2, wherein the average particle size as measured by dynamic light scattering using the Malvern® Autosizer 2 C is below 100 nm.

Claim 18 (New): The primary dispersion according to claim 3, wherein the average particle size as measured by dynamic light scattering using the Malvern® Autosizer 2 C is below 100 nm.

Claim 19 (New): The primary dispersion according to claim 4, wherein the average particle size as measured by dynamic light scattering using the Malvern® Autosizer 2 C is below 100 nm.

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- Claim 20 (New): The primary dispersion according to claim 5, wherein the average  
- particle size as measured by dynamic light scattering using the Malvern® Autosizer 2 C is  
- below 100 nm.